



NASA Dryden Flight Research Center  
PROCUREMENT QUALITY REQUIREMENTS



**ATTACHEMENT Q-16**

**METROLOGY ... Inspection, Measurement and Test Equipment (IM&TE).**

Metrology equipment includes equipment used for measurement, inspection tools or devices, and test equipment utilized to record results or data as a record of fact.

**Purchase**

The instruments, tools or test equipment must provide accurate data therefore mandate correct calibration. Equipment purchaser must require any test data from a national standards laboratory accompany the equipment when purchased. If this test data is not available on receipt, then the equipment needs to be sent to the metrology lab for calibration. If the test data is available the Equipment must be sent to the metrology lab for entry into the calibration recall system. The procuring organization is responsible for insuring that all newly acquired metrology equipment used for the testing, or acceptance of a product, article, or system where substantiated data accuracy is required, has been calibrated prior to being placed into service.

**Receiving Inspection**

Newly purchased equipment meeting the criteria identified in the paragraphs above or identified as "calibration required" by the purchaser or Quality Assurance upon receipt shall be routed to the appropriate calibration activity for entrance into the metrology recall database. Upon completion of the calibration and entrance into the calibration database the equipment can be sent to the user / purchaser of the equipment.

END OF Q-16

Approved

Gary May

Q-16 (Jan-2000)